

AMENDMENTS TO THE SPECIFICATION

Please amend the following paragraphs as indicated in published application 20020123676 A1, as follows:

[0015] The dialysis probe shown in the drawing comprises an access 2 to the interior of the body shown crosshatched, said access 2 comprising a supply tube 9 and a discharge tube 10. In this microdialysis probe, a dialysis fluid flows in the tubes 9 and 10 in the direction indicated by the arrows shown in said tubes 9 and 10. The fluid flow is diverted ~~its~~ to its lower end directly by the tubes 9 and 10, which are connected to each other, and while flowing through these tubes picks.

[0017] Dialysis thus takes place in such a way that dialysis fluid is introduced into the tube 9 in the interior of the body via the inlet 4. While flowing through the tubes 9 and 10, which are surrounded by a membrane 13, the dialysis fluid picks up substances from the surrounding tissue, and then leaves the dialysis probe through the outlet 5